



# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA

ବୀର ସୁରେନ୍ଦ୍ର ସାଏ ବିଶ୍ୱବିଦ୍ୟାଳୟ

(A UGC Recognized State Government University by an Act of Assembly, Estd. -1956)

P.O. Engineering College, Burla, Dist: Sambalpur, Odisha, (India) -768 018

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No. VSSUT/Exam. /814 /2025

Dated: 10/09/2025

## NOTICE

The schedule for Mid Semester Examination of B.Tech./ B.Arch. (1<sup>st</sup>/3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> Sem), M.Tech (1<sup>st</sup>/3<sup>rd</sup> Sem), MCA (1<sup>st</sup>/3<sup>rd</sup> Sem), M.Sc. (1<sup>st</sup>/3<sup>rd</sup> Sem) and Int. M.Sc. (1<sup>st</sup>/3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> & 9<sup>th</sup> Sem) of Academic Session 2025-26 to be conducted from 19.09.2025 is as follows. **All students are advised to go through the examination schedule in details. In case of any discrepancy, it can be reported in written to the undersigned on or before 13/09/2025.**

## PROGRAMME FOR B.ARCH.

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
1 <sup>st</sup> SEMESTER	19.09.2025 9.30 AM to 11.00 AM	Friday	Mathematics-I
	20.09.2025 9.30 AM to 11.00 AM	Saturday	Introduction to Architecture
	22.09.2025 9.30 AM to 11.00 AM	Monday	Building Materials – I
	23.09.2025 9.30 AM to 11.00 AM	Tuesday	Applied Mathematics
	24.09.2025 3.00 PM to 4.30 PM	Wednesday	Ecology, Environment and Climate Change
3 <sup>RD</sup> SEMESTER	19.09.2025 11:30 AM to 1:00 PM	Friday	Structural Analysis
	20.09.2025 11:30 AM to 1:00 PM	Saturday	History of Architecture- II
	22.09.2025 11:30 AM to 1:00 PM	Monday	Water Supply & Sanitation
	23.09.2025 11:30 AM to 1:00 PM	Tuesday	Climatology
5 <sup>TH</sup> SEMESTER	19.09.2025 3.00 PM to 4.30 PM	Friday	Design of Steel Structures
	20.09.2025 3.00 PM to 4.30 PM	Saturday	Environment and Behavior
	22.09.2025 3.00 PM to 4.30 PM	Monday	History of Architecture-IV
	23.09.2025 3.00 PM to 4.30 PM	Tuesday	Acoustics
	24.09.2025 3.00 PM to 4.30 PM	Wednesday	Landscape Architecture
7 <sup>TH</sup> SEMESTER	20.09.2025 11:30 AM to 1:00 PM	Saturday	Introduction to Urban Design
	22.09.2025 11:30 AM to 1:00 PM	Monday	Set Design for Events
	24.09.2025 11:30 AM to 1:00 PM	Wednesday	Advanced Building Systems and Services

**PROGRAMME FOR 1<sup>ST</sup> SEMESTER (B.Tech)**

DATE & TIME	DAY	SUBJECT(S)
19.09.2025 9.30 AM to 11.00 AM	Friday	1) Mathematics-I (All Sections)
20.09.2025 9.30 AM to 11.00 AM	Saturday	1) Basic Electrical Engineering (Sec. – M, N, O, P, Q, R, S & T) 2) Basic Electronics (Sec. A, B, C, D, E, F, G & H)
22.09.2025 9.30 AM to 11.00 AM	Monday	1) Basic Manufacturing Processes (Sec. – M, N, O, P, Q, R, S & T) 2) Basics Civil Engineering (Sec. A, B, C, D, E, F, G & H)
23.09.2025 9.30 AM to 11.00 AM	Tuesday	1) English for Technical Writing (Sec. – M, N, O, P, Q, R, S & T) 2) Universal Human Values (Sec. A, B, C, D, E, F, G & H)
24.09.2025 9.30 AM to 11.00 AM	Wednesday	1) C & Data Structures (Sec. – M, N, O, P, Q, R, S & T) 2) Engineering Mechanics (Sec. A, B, C, D, E, F, G & H)
25.09.2025 9.30 AM to 11.00 AM	Thursday	1) Physics (Sec. – M, N, O, P, Q, R, S & T) 2) Chemistry (Sec. A, B, C, D, E, F, G & H)

**PROGRAMME FOR 3<sup>rd</sup> SEMESTER (B. Tech.)**

DATE & TIME	DAY	SUBJECT(S)
19.09.2025 11:30 AM to 1:00 PM	Friday	1) Mathematics- III (All Branches)
20.09.2025 11:30 AM to 1:00 PM	Saturday	1) Engineering Economics (EE, EEE, CSE/CSE(AIML), ETC) 2) Organizational Behavior (ME, MME, PE, CE, ChE)
22.09.2025 11:30 AM to 1:00 PM	Monday	1) Geotechnical Engineering - I (CE) 2) Basic Thermodynamics (ME) 3) Electrical Machines-I (EE/EEE) 4) Analog Electronics Circuit (ETC) 5) Digital Logic Design (CSE/CSE-AIML) 6) Introduction to Physical Metallurgy (MME) 7) Thermal and Fluids Engineering (PE) 9) Fluid Mechanics (ChE)
23.09.2025 11:30 AM to 1:00 PM	Tuesday	1) Mechanics of Materials (CE) 2) Mechanics of Deformable Solids (ME) 3) Network Theory (EE) 4) Network Theory (EEE) 5) Network Analysis & Synthesis (ETC) 6) Data Structures (CSE/CSE-AIML) 7) Transport Phenomena (MME) 8) Mechanics of Materials (PE) 9) Fuel and Combustion (ChE)

24.09.2025 11:30 AM to 1:00 PM	Wednesday	1) Fluid Mechanics (CE) 2) Engineering Materials and Metallurgy (ME) 3) Analog and Digital Electronic Circuits (EE) 4) Analog Electronics Circuit (EEE) 5) Basic Communication Engineering (ETC) 6) Database Engineering (CSE/CSE-AIML) 7) Metallurgical Thermodynamics & Kinetics (MME) 8) Materials Engineering & Metallurgy (PE) 9) Chemical Process Technology (ChE)
25.09.2025 11:30 AM to 1:00 PM	Thursday	1) Optimization & Soft Computing (ETC, EE, EEE) 2) Programming in Python (ChE, MME, ME, CE, PE) 3) Object Oriented Programming (CSE/CSE-AIML )

**PROGRAMME FOR 5<sup>TH</sup> SEMESTER (B.Tech.)**

DATE & TIME	DAY	SUBJECT(S)
19.09.2025 3.00 PM to 4:30 PM	Friday	1) Fluid Dynamics (CE) 2) Fluid Dynamics and Hydraulic Machine (ME) 3) Switchgear & Protection (EE) 4) Power Electronics (EEE) 5) Microwave Engineering (ETC) 6) Theory of Computation (CSE/IT) 7) Design of Machine Elements (PE) 8) Iron Making (MME) 9) Heat Transfer (ChE)
20.09.2025 3.00 PM to 4:30 PM	Saturday	1) Reinforced Concrete Design (CE) 2) Advanced M/C Dynamics (ME) 3) Control System-I (EE/EEE) 4) VLSI Design (ETC) 5) Operating Systems (CSE/IT) 6) CAD/CAM (PE) 7) Heat Treatment (MME) 8) Mass Transfer - I (ChE)
22.09.2025 3.00 PM to 4:30 PM	Monday	1) Transportation Engineering -II (CE) 2) Mechanics of Machining (ME) 3) Artificial Intelligence and Machine Learning (EEE, ETC, EE, CSE, IT) 4) Tool Design (PE) 5) Material Testing (MME) 6) Process Dynamics and Control (ChE)
23.09.2025 3.00 PM to 4:30 PM	Tuesday	1) Advanced Structural Analysis (CE) 2) Internal Combustion Engines & Gas Turbines/ Industrial Engineering and Operation Research (ME) 3) Signal & System (EE) 4) Power System -I/ Basic Communication Engineering (EEE) 5) Digital Signal Processing (ETC) 6) Cryptographic foundation and Network security (CSE) 7) Data Mining and Warehousing (IT) 8) Advanced Casting & Welding/ Mechatronics (PE) 9) Powder Metallurgy and Composite Materials (MME) 10) Chemical Reaction Engineering (ChE)

24.09.2025 3.00 PM to 4:30 PM	Wednesday	1) Entrepreneurship Development (ME, CE, PE, MME, ChE) 2) Professional Ethics for Engineers (EE, EEE, CSE, IT, ETC)
25.09.2025 3.00 PM to 4:30 PM	Thursday	1) Environmental Engineering (ME, PE, MME, ChE) 2) Environmental Science & Engineering (CE) 3) Industrial Safety Engineering (CSE, IT, EE, EEE, ETC)

### **PROGRAMME FOR 7<sup>TH</sup> SEMESTER (B.Tech)**

20.09.2025 11:30 AM to 1:00 PM	Saturday	1) Estimation & Professional Practice (CE) 2) Advance Mechanics of Solid (ME) 3) High Voltage Engineering (EE/EEE) 4) Wave Propagation & Antenna Engineering (ETC) 5) Simulation & Modelling (IT) 6) Image Processing (CSE) 7) Non-Traditional Machining (PE) 8) Introduction to Surface Engineering (MME) 9) Process Simulation and Modelling (ChE)
22.09.2025 11:30 AM to 1:00 PM	Monday	1) Structural Analysis-II (CE) 2) Metrology, Quality Control and Reliability (ME) 3) Power System Operation and Control (EE) 4) Alternate Energy Sources (EEE) 5) Computer Communication & Networking (ETC) 6) Artificial Intelligence (CSE/IT) 7) Surface Engineering Principles & Systems (PE) 8) Non-Ferrous Extractive Metallurgy (MME) 9) Petroleum Refinery Engineering (ChE)
24.09.2025 11:30 AM to 1:00 PM	Wednesday	1) Transportation Engineering-II (CE) 2) Refrigeration and Air Conditioning (ME) 3) Flexible AC Transmission System (EE) 4) Power System- III (EEE) 5) Information Theory & Coding/ Satellite Communication (ETC) 6) Internet and Web Programming (CSE) 7) Cyber Security (IT) 8) Automation & NC Machine (PE) 9) Material Characterization (MME) 10) Mineral Process Engineering (ChE)

### **PROGRAMME FOR (MCA)**

	DATE & TIME	DAY	SUBJECT(S)
1 <sup>st</sup> SEMESTER	19.09.2025 9.30 AM to 11.00 AM	Friday	Computer System Architecture
	20.09.2025 9.30 AM to 11.00 AM	Saturday	Data Structure Using 'C'
	22.09.2025 9.30 AM to 11.00 AM	Monday	Operating Systems
	23.09.2025 9.30 AM to 11.00 AM	Tuesday	Database Engineering
	24.09.2025 9.30 AM to 11.00 AM	Wednesday	Discrete mathematics

3 <sup>RD</sup> SEMESTER	19.09.2025 11:30 AM to 1:00 PM	Friday	Programming with Java
	20.09.2025 11:30 AM to 1:00 PM	Saturday	Compiler Design
	22.09.2025 11:30 AM to 1:00 PM	Monday	Real Time Systems
	23.09.2025 11:30 AM to 1:00 PM	Tuesday	Machine Learning

**PROGRAMME FOR INT. M.SC.**

SEMESTER	DATE&TIME	DAY	SUBJECT(S)
1 <sup>st</sup> SEMESTER Int. M.Sc.	19.09.2025 9.30 AM to 11.00 AM	Friday	1) Physics-I (Thermodynamics) (Physics/Chemistry/Math)
	20.09.2025 9.30 AM to 11.00 AM	Saturday	1) Environmental Science (Physics/Chemistry/Math)
	22.09.2025 9.30 AM to 11.00 AM	Monday	1) Chemistry –I (Physics/Chemistry/Math)
	23.09.2025 9.30 AM to 11.00 AM	Tuesday	1) Math-I (Physics/Chemistry/Math)
3 <sup>RD</sup> SEMESTER INT. M.SC.	19.09.2025 3:00 PM to 4:30 PM	Friday	1) Mathematical Physics – I (Physics/Math) 2) Physical Chemistry – I (Chemistry)
	20.09.2025 3:00 PM to 4:30 PM	Saturday	1) Mechanics (Physics/Math) 2) Organic Chemistry – I (Chemistry)
	22.09.2025 3:00 PM to 4:30 PM	Monday	1) Analog Electronics System & Applications (Physics) 2) Inorganic Chemistry – I (Chemistry) 3) Mathematics- III (MATH)
	23.09.2025 3:00 PM to 4:30 PM	Tuesday	1) Programming in C (Physics/Math) 2) Fundamental of Materials Chemistry (Chemistry)
5 <sup>TH</sup> SEMESTER INT. M.SC.	19.09.2025 3:00 PM to 4:30 PM	Friday	1) Nanomaterial and Application (Physics) 2) Solid State Chemistry (Chemistry) 3) Introduction to Probability & Statistics (Mathematics)
	20.09.2025 3:00 PM to 4:30 PM	Saturday	1) Quantum Mechanics and Application (Physics) 2) Polymer Chemistry (Chemistry) 3) Hydrodynamics (Mathematics)
	22.09.2025 3:00 PM to 4:30 PM	Monday	1) Solid State Physics (Physics) 2) Bio-Inorganic Chemistry (Chemistry) 3) Introduction to Mathematical Method (Math)
	23.09.2025 3:00 PM to 4:30 PM	Tuesday	1) Physics of Devices & Communication (Physics) 2) Analytical Instrumentation Methods (Chem) 3) Elementary Graph Theory (Math)
	19.09.2025 9.30 AM to 11.00 AM	Friday	1) Mathematical Method (Physics) 2) Group Theory & Quantum Chemistry (Chem) 3) Real Analysis (Mathematics)

7 <sup>TH</sup> SEMESTER INT. M.SC.	20.09.2025 9.30 AM to 11.00 AM	Saturday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Linear Algebra (Mathematics)
	22.09.2025 9.30 AM to 11.00 AM	Monday	1) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Differential Equation (Mathematics)
	23.09.2025 9.30 AM to 11.00 AM	Tuesday	1) Quantum Mechanics – I (Physics) 2) Thermodynamics & Chemical Dynamics (Chemistry) 3) Data Structure Using C(Mathematics)
9 <sup>th</sup> SEMESTER INT. M.SC.	19.09.2025 3:00 PM to 4:30 PM	Friday	1) Advanced Quantum Mechanics (Physics) 2) Photo Chemistry & Pericyclic Reaction (Chemistry) 3) Functional Analysis (Mathematics)
	20.09.2025 3:00 PM to 4:30 PM	Saturday	1) Nuclear & Particle Physics (Physics) 2) Applications of Spectroscopic Techniques (Chemistry) 3) Abstract Algebra (Math)
	22.09.2025 3:00 PM to 4:30 PM	Monday	1) Condensed Matter Physics (Physics) 2) Colloid & Surface Chemistry (Chemistry) 3) Partial Differential Equations (Mathematics)
	23.09.2025 3:00 PM to 4:30 PM	Tuesday	1) Advanced Experimental Techniques (Physics) 2) Analytical Chemistry (IC) (Chem.)
	24.09.2025 3:00 PM to 4:30 PM	Wednesday	Chemical Kinetics and Physical Photo Chemistry (Chemistry) (OE)

### **PROGRAMME FOR M.Sc.**

SEMESTER	DATE&TIME	DAY	SUBJECT(S)
1 <sup>st</sup> SEMESTER	19.09.2025 9.30 AM to 11.00 AM	Friday	1) Mathematical Method (Physics) 2) Group Theory & Quantum Chemistry (Chem) 3) Real Analysis (Math)
	20.09.2025 9.30 AM to 11.00 AM	Saturday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Linear Algebra (Math)
	22.09.2025 9.30 AM to 11.00 AM	Monday	1) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Differential Equation (Math)
	23.09.2025 9.30 AM to 11.00 AM	Tuesday	1) Quantum Mechanics – I(Physics) 2) Thermodynamics & Chemical Dynamics (Chemistry) 3) Data Structure Using C(Math)

3 <sup>rd</sup> SEMESTER	19.09.2025 3:00 PM to 4:30 PM	Friday	1) Advanced Quantum Mechanics (Physics) 2) Photo Chemistry & Pericyclic Reaction (Chemistry) 3) Functional Analysis (Math)
	20.09.2025 3:00 PM to 4:30 PM	Saturday	1) Nuclear & Particle Physics (Physics) 2) Applications of Spectroscopic Techniques (Chemistry) 3) Abstract Algebra (Math)
	22.09.2025 3:00 PM to 4:30 PM	Monday	1) Condensed Matter Physics (Physics) 2) Supramolecular & Macromolecules (Chemistry)/Colloid & Surface Chemistry (Chemistry) 3) Partial Differential Equations (Math)
	23.09.2025 3:00 PM to 4:30 PM	Tuesday	1) Advanced Experimental Techniques (Physics) 2) Disconnection approach in organic synthesis (OC) (Chem.)/ Analytical Chemistry (IC) (Chem.)
	24.09.2025 3:00 PM to 4:30 PM	Wednesday	1) Environmental Assessment and management / Chemical Kinetics and Physical Photo Chemistry (Chemistry) (OE)


**PROGRAMME FOR M.Tech.**

1 <sup>st</sup> SEMESTER	22.09.2025 (09:30 AM– 11:00 AM)	Monday	1) Advanced Solid Mechanics (CE-SE) 2) Pavement Materials Characterization (CE-TE) 3) Advanced Hydrology (CE-WRE) 4) Stability Analysis of Slopes (CE-GTE) 5) Environmental Chemistry (CE-EE) 6) AI & Expert Systems (CSE) 7) AI: Principles and Techniques (CSE-AIML) 8) Power System Analysis (EE-PSE) 9) Analog CMOS VLSI Design (ETC- VLSI) 10) Advanced Communication Technique (ETC-CS) 11) Applied Elasticity & Plasticity (ME- MDA) 12) Robotics and Flexible Manufacturing (ME-PE) 13) Power Electronics Converters-I (EE- PECd) 14) Advanced Thermodynamics and Kinetics of Engineering Materials (MME-IM) 15) Computer Aided Manufacturing (PE- CAD/CAM&R)
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1 <sup>st</sup> SEMESTER	23.09.2025 (09:30 AM– 11:00 AM)	Tuesday	1) Construction Methods & Equipment (CE-SE) 2) Traffic flow Modelling (CE-TE) 3) Advanced Fluid Mechanics (CE- WRE) 4) Advanced Foundation Engineering (CE-GTE) 5) Water Treatment Technology (CE-EE) 6) Advanced Data Structures and Algorithms (CSE) 7) Data Mining and Data Warehousing (CSE-AIML) 8) Operation & Control of Restructured Power System (EE-PSE) 9) Dynamics of electrical machines (EE-PECd) 10) Advanced Signal Processing (ETC-VLSI & CS) 11) Advanced Casting & Welding (ME- PE) 12) Machine Vibration Analysis (ME-MDA) 13) Phase Transformation and Heat Treatment (MME-IM) 14) Advanced CAD (PE-CAD/CAM)
	24.09.2025 (09:30 AM– 11:00 AM)	Wednesday	1) Advanced Structural Analysis (CE-SE) 2) Urban Transportation Planning (CE- TE) 3) Water Resources Systems Planning & Management (CE-WRE) 4) Ground Water Flow Through Porous Media (CE-GTE/EE) 5) Advanced Computer Architecture (CSE) 6) Soft Computing (CSE-AIML) 7) Power System Management (EE- PSE) 8) Electric Drive System (EE-PECd) 9) Digital Image & Video Processing (ETC-CS) 10) Digital CMOS VLSI Design (ETC-VLSI) 11) Inspection & Quality Assurance (ME- PE) 12) Automatic Control Systems (ME- MDA) 13) Diffusion in Solids (MME-IM) 14) Rapid Manufacturing Processes (PE-CAD/CAM&R)
	25.09.2025 (09:30 AM– 11:00 AM)	Thursday	1) Civil Engineering Materials (CE-SE) 2) Traffic Engineering and Management (CE-TE) 3) Hydraulic Structures and Hydro Power Engineering (CE-WRE) 4) Advanced Soil Mechanics (CE-GTE) 5) Waste Water Management (CE-EE) 6) Intrusion Detection Systems (CSE) 7) Knowledge Engg. And Expert system (CSE-AIML) 8) Distribution System Engineering (EE- PSE) 9) Advanced Control Systems (EE-PECd) 10) Theory of Machining & Grinding (ME-PE) 11) Fatigue, Creep and Fracture (ME- MDA) 12) Advanced Joining Technology (MME-IM) 13) Design of Hydraulic & Pneumatic Systems (PE-CAD/CAM & R) 14) VLSI Technology (ETC-VLSI) 15) Analog & Digital VLSI Design (ETC-CS)
	26.09.2024 11:30 AM to 1:00 PM	Friday	1) Research Methodology & IPR (M.Tech.)



3 <sup>rd</sup> SEMESTER	22.09.2025 3:00 PM to 4:30 PM	<b>Monday</b>	<ol style="list-style-type: none"> <li>1. Smart Power Grid (EE- PSE/PECd)</li> <li>2. Environmental Impact Assessment (CE-GTE)</li> <li>3. Prestressed Concrete (CE-SE)</li> <li>4. Pavement Construction Maintenance and Management (CE-TE)</li> <li>5. River Engineering (CE-WRE)</li> <li>6. Rapid Prototyping (ME-PE)</li> <li>7. Applied Finite Element method (ME-MDA)</li> <li>8. Internet of Things (CSE)</li> <li>9. Environmental Degradation &amp; Corrosion (MME-IM)</li> <li>10. Mechatronics &amp; MEMS (PE -CAD/CAM &amp; Robotics)</li> <li>11. RFIC (ETC-VSP)</li> </ol>
	23.09.2025 3:00 PM to 4:30 PM	<b>Tuesday (Open Elective)</b>	<ol style="list-style-type: none"> <li>1. Smart Materials (ME)</li> <li>2. Maintenance Engineering &amp; Management (ME)</li> <li>3. Advanced Maintenance Technology (PE - CAD/CAM &amp; Robotics)</li> <li>4. Material Recycling and Waste Management (MME)</li> <li>5. Machine Learning (CSE)</li> </ol>



Controller of Examinations

Memo No.: VSSUT/Exams. /815/2025

Dt.: 10/09/2025

Copy to: - All HODs (**requested to communicate the notice among the faculty members**)/ Prof. I/C Examinations/ Dean, Academic Affairs/ Dean, PGS&R/ Dean, Students Welfare/ Dean, Faculty & Planning (**requested to kindly hoist the notice in the University web site**)/ Professor, T&P/ PIC, Electrical Maintenance/ ME-I/C/ University Notice Boards/ All Hall of Residence Notice Boards/ PA to Vice-Chancellor for information of Hon'ble Vice Chancellor.



Controller of Examinations